

of *Tenthredo testudinea* upon young apples, devouring the interior of the fruit, being the only instance yet known of such habits amongst the *Tenthredinidæ*, although the larvæ of *Nematus intercus* and some allied species inhabit the interior of galls upon willow-leaves, upon the substance of which they subsist. The larvæ of the former insect emit a very powerful scent, similar to that of the bed-bug, and quit the apple as soon as it is fallen to the ground, in order to undergo their transformations in the earth, the eggs being deposited on the young fruit whilst the trees are yet in flower.

The following memoirs were read :—

“Descriptions of some nondescript Lamellicorn beetles in his collection,” by the Rev. F. W. Hope, F.R.S., &c.

1. *Nigidius grandis*, H. *Niger auriculatus mandibulis brevibus robustis, externè in cornu luniferum elevatis, elytris fortiter sulcatis, thorace sparsim excavato punctatis*. Long. corp. lin. 10. Hab. Sierra Leone. D. Strachan.
2. *Lucanus Burmeisteri*, H. *Niger, mandibulis capite thoraceque longioribus dentibus binis ad apicem minoribus tertio ferè in medio multo fortiori, capite anticè elevato, thoracis lateribus in medio acuminatis, elytris castaneis, ad basin triangulo nigro variis, femoribus tibiisque inermibus*. Long. corp. (mandib. incl.) 3 unc. 4 lin. Hab. Mysore, India.
3. *Dorcus Darwinii*, H. *Atrofuscus, mandibulis dentatis nigris, capite posticè lato, subspinoso, thoracis disco in medio elevato, elytris convexis multipunctatis, tibiis anticis denticulatis, 4 posticis in medio unispinosis*. Long. corp. lin.  $7\frac{1}{2}$ . Hab. Chili.
4. *Valgus argillaceus*, H. *Fuscus, capite flavo-tomentoso, thorace anticè subcornuto denticulato, posticè angulis rotundatis, ano granulifero tomento asperso, corpore infra argillaceo, tibiis binis anticis dilatatis*. Long. corp. lin.  $3\frac{1}{2}$ . Hab. India orient.
5. *Gnathocera Natalensis*, H. *Smaragdina, capite ferè quadrato, marginibus elevatis nigris, thorace viridi varioloso, elytris viridi-opalinis crebrissimè punctulatis, podice posticè aureo, tarsis piceis*. Long. corp. lin. 7. Hab. Natal.
6. *Dicheros ornatus*, Burmeister's MSS. *Niger, capite medio excavato, posticè tridentato, thorace nigro, fascia obliqua rubra ferè interrupta, elytris nigris, macula lata flava, basi apice suturaque nigricantibus, pedibus nigris, femoribus rubro-corallinis*. Long. corp. lin. 8. Hab. India orient., Mysore.
7. *Cælorrhina concolor*, Burmeister's MSS. *Smaragdina aut viridi-opalina, clypeo anticè valdè emarginato, elytris concoloribus striato-punctatis humeris nigricantibus, corpore infra viride, segmentis abdominis medio opalinis*. Long. corp. lin. 12. Hab. Sierra Leone.
8. *Schizorrhina succinea*, H. *Flava, capite anticè luteo, posticè nigricante punctulato, thorace fusco-flavo maculis duabus discoidalibus, clytris succineis, pectore nigricanti, femoribus flavis, tibiis*

- tarsisque atro-piceis*. Long. corp. lin.  $9\frac{1}{2}$ . Hab. Nova Hollandia.
9. *Cetonia Indra*, H. *Rubro-punicea, clypeo submarginato, thorace quadrimaculato, elytris acuminatis atro-puniceis macula irregulari ochraceo-flava in medio disci alteraque minori ferè ad angulum externum; corpore infra rubro-puniceo, pectore segmentis abdominis utrinque ochraceo maculatis*. Long. corp. lin. 12. Hab. Manilla.
10. *Agestrata Withillii*, H. *Nigra nitida glabra, thorace bins foveis parum distinctis ferè ad scutellum positis, corpore infra atro pectore segmentisque abdominis aurantio maculatis*. Long. corp. lin. 19. Hab. Bombay.
11. *Agestrata Gagates*, H. *Nigra nitida, thorace lobato subconvexo glabro, corpore infra atro-nitido, segmentis abdominis utrinque aurantio maculatis*. Long. corp. lin. 16. Hab. India orient., Travancore.
12. *Macronota vittigera*, H. *Nigra, capite linea media aurantia, thorace trivittato vittis aurantiis, elytris bivittatis vittis ante apicem abbreviatis, podice in medio nigro lateribus flavis*. Long. corp. lin.  $13\frac{1}{2}$ . Hab. India orient., Mysore.
13. PACHYTRICHA, H. *Corpus magnum obesum convexum; labrum porrectum bifidum; antennæ 10-articulatæ; maxillæ apice valdè pènicillatæ; mandibulæ rectæ apice obtusæ; mentum apice valdè emarginatum; unguis intus dentibus duobus instructi*.

This genus is regarded by Burmeister as intermediate between *Glaphyrus* and *Chasmatopterus*.

*P. castanea*, H. *Picea, capite valdè acuminato, thorace anticè utrinque spinoso, scutello piceo, elytris castaneis, podice brunneo, pedibus piceis*. Long. corp. lin. 15. Hab. Nova Hollandia.

A memoir was also read by Mr. Westwood, "On the Australian genus *Cryptodus*, and upon *Parastasia*, the Asiatic representative of the *Rutelidæ*."

After noticing the singular character of the genus *Cryptodus*, and its location by Mr. MacLeay, at first in the family *Trogidæ*, and latterly, in Dr. Smith's African Researches, as one of the primary forms of the *Cetoniidæ*, including *Cremastocheilus*, *Genuchus*, &c. as its subgenera, the author institutes a comparative examination of its structure in detail with the last-named groups, as well as with the *Trogidæ*, and also with the *Phileurideous Dynastidæ*, which last are regarded by him as the true affinities of *Cryptodus*. The nine-jointed antennæ, upon which so much stress has been laid by Mr. MacLeay, is proved to be only a specific character, Mr. Westwood describing a new species with the following characters.

*Cryptodus Tasmannianus*, W. *Niger, nitidus, oblongus, punctatus, antennis 10-articulatis, mento basi rectè truncato, prosterno anticè producto, margine antico ferè recto*. Long. corp. lin.  $9\frac{1}{2}$ . Hab. Terra Van Diemenii. Mus. Westwood, &c.

PARASTASIA, W. Gen. nov. Asiaticum! e familia Rutelidarum.